



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
Worthington, et al.

Serial No: 10/005,313

Filed: December 7, 2001

For: OPTICAL DISCS FOR
MEASURING ANALYTES

§ Art Unit: 2651

§ Examiner: To be assigned

§ Attorney Docket No:
BTI2 00103001(USP8)US

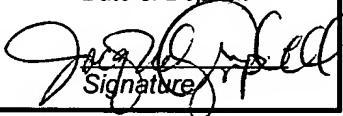
Commissioner for Patents
Washington, D.C. 20231
Attn: Official Draftsperson

I Certify that this document was submitted to the U.S. Patent and Trademark Office using U.S. Express Mail Under 37 C.F.R. § 1.10

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Jacquelyn Campbell
Print Name


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LETTER TO OFFICIAL DRAFTSPERSON

Sir/Madam:

Responsive to the requirement set forth in the Official Actions mailed March 14, 2002 and April 10, 2002, and further to M.P.E.P. Section 608.02(r), Applicants submits herewith 20 sheets of formal drawing figures including Figs. 1 through 42.

Applicant respectfully requests the official draftsperson to review these formal figures for conformity with the statute and regulations, and accordingly approve these figures for entry into the record and subsequent publication.

PATENT

The Commissioner has been authorized to charge or credit any fees connected with this communication in the Fee Transmittal Form PTO/SB/17 submitted herewith. A duplicate copy of this Form PTO/SB/17 is enclosed.

Date: 1/22/02

Respectfully Submitted,
BURSTEIN TECHNOLOGIES, INC.

Donald Bottella
Reg. No. 35,451

Burstein Technologies, Inc.
LEGAL DEPARTMENT
163 Technology Drive
Irvine, CA 92618
(949) 453-1800

DB:jc

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COMPONENT LAYER—MICROFLUIDIC, MEMS OR OTHER COMPONENT STRUCTURES THAT PERFORM FUNCTION ON THE INVESTIGATIONAL FEATURES WE WISH TO CHARACTERIZE.

336

342 { OPERATIONAL LAYER—FEATURES THAT CREATE AN INTERFERENCE PATTERN OR OTHER PATTERN THAT PROVIDE OPERATIONAL FUNCTIONALITY TO THE DRIVE.

338

LENS—FOCUSING LENS TO FACILITATE A FOCAL POINT AND LASER SPOT SIZE.

340

FIG.1

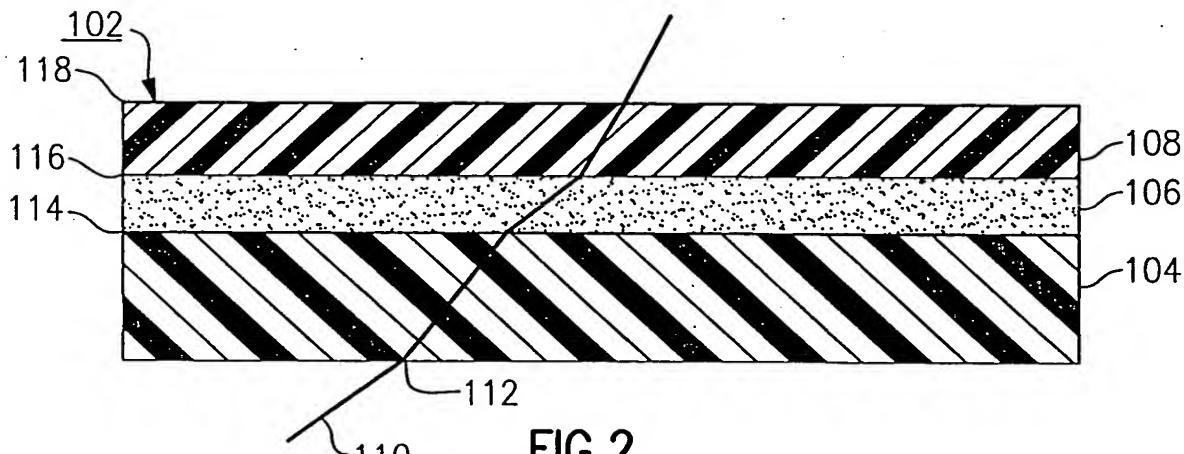


FIG.2

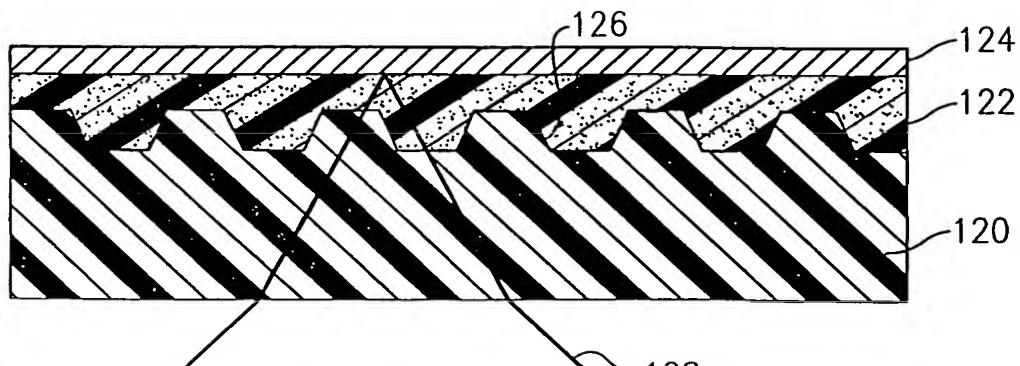
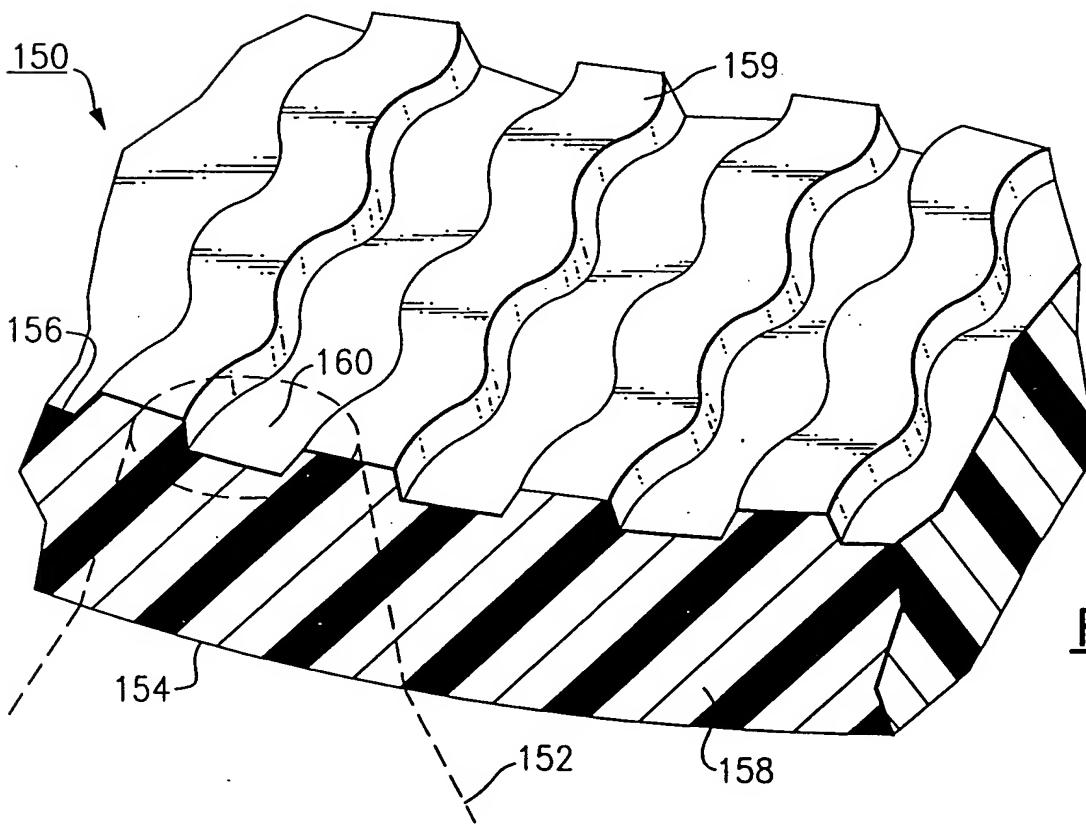
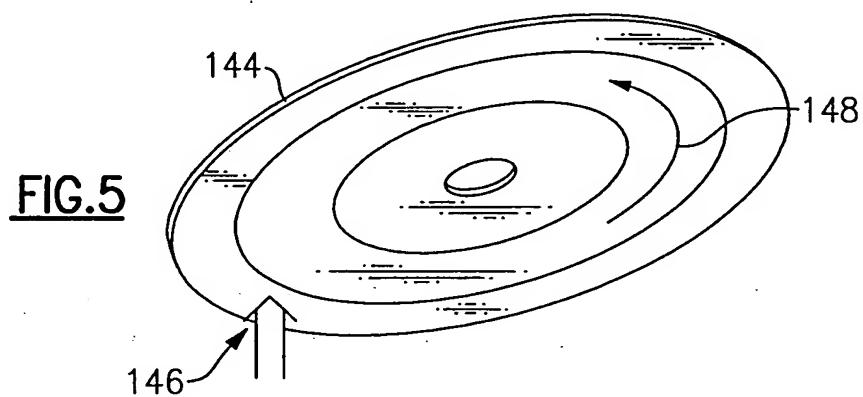
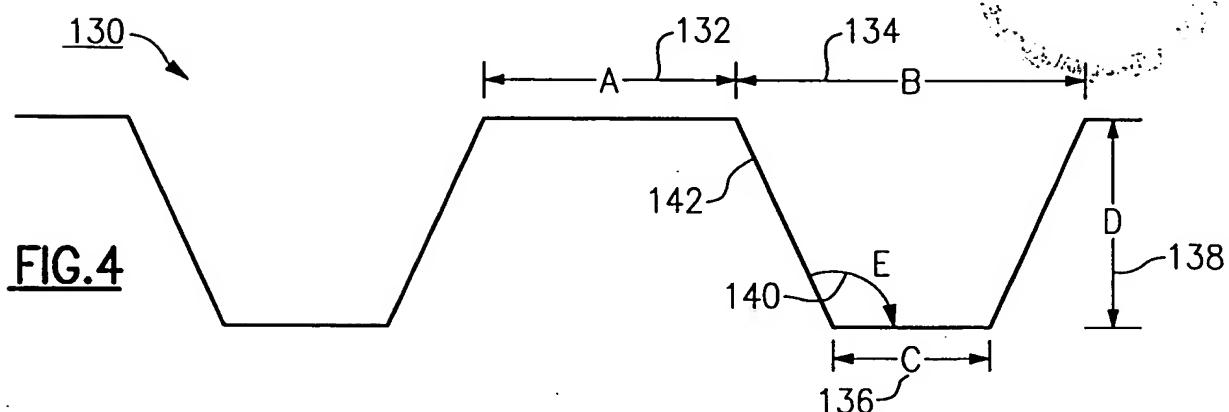


FIG.3

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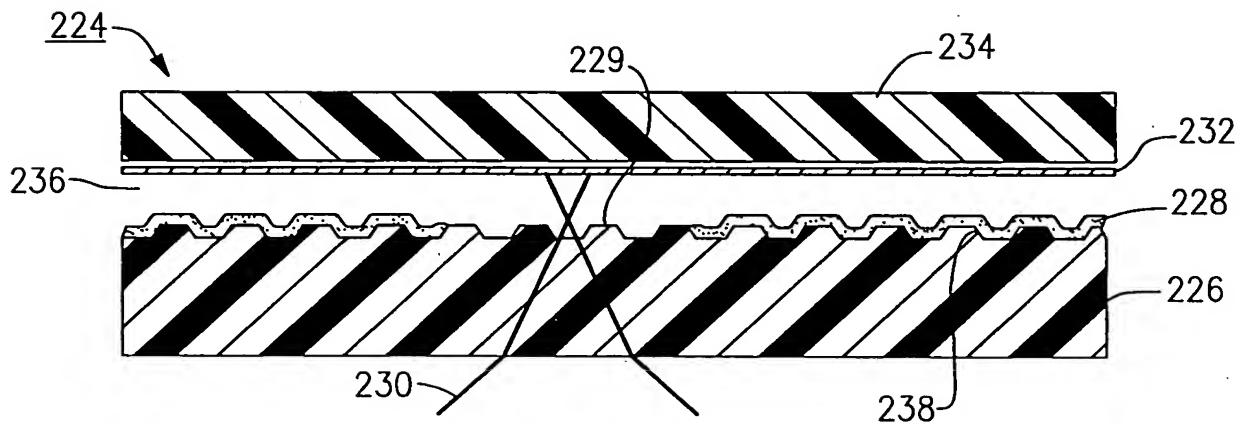


FIG.7

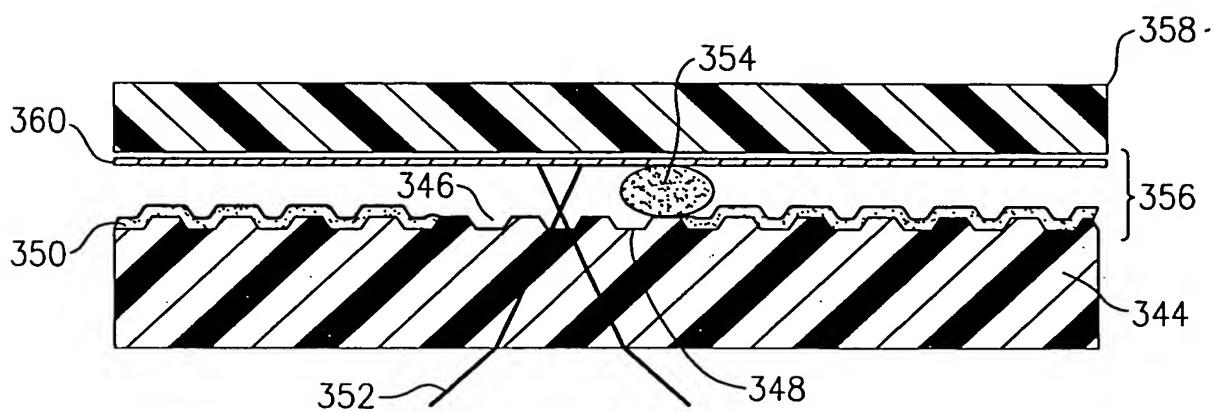


FIG.8

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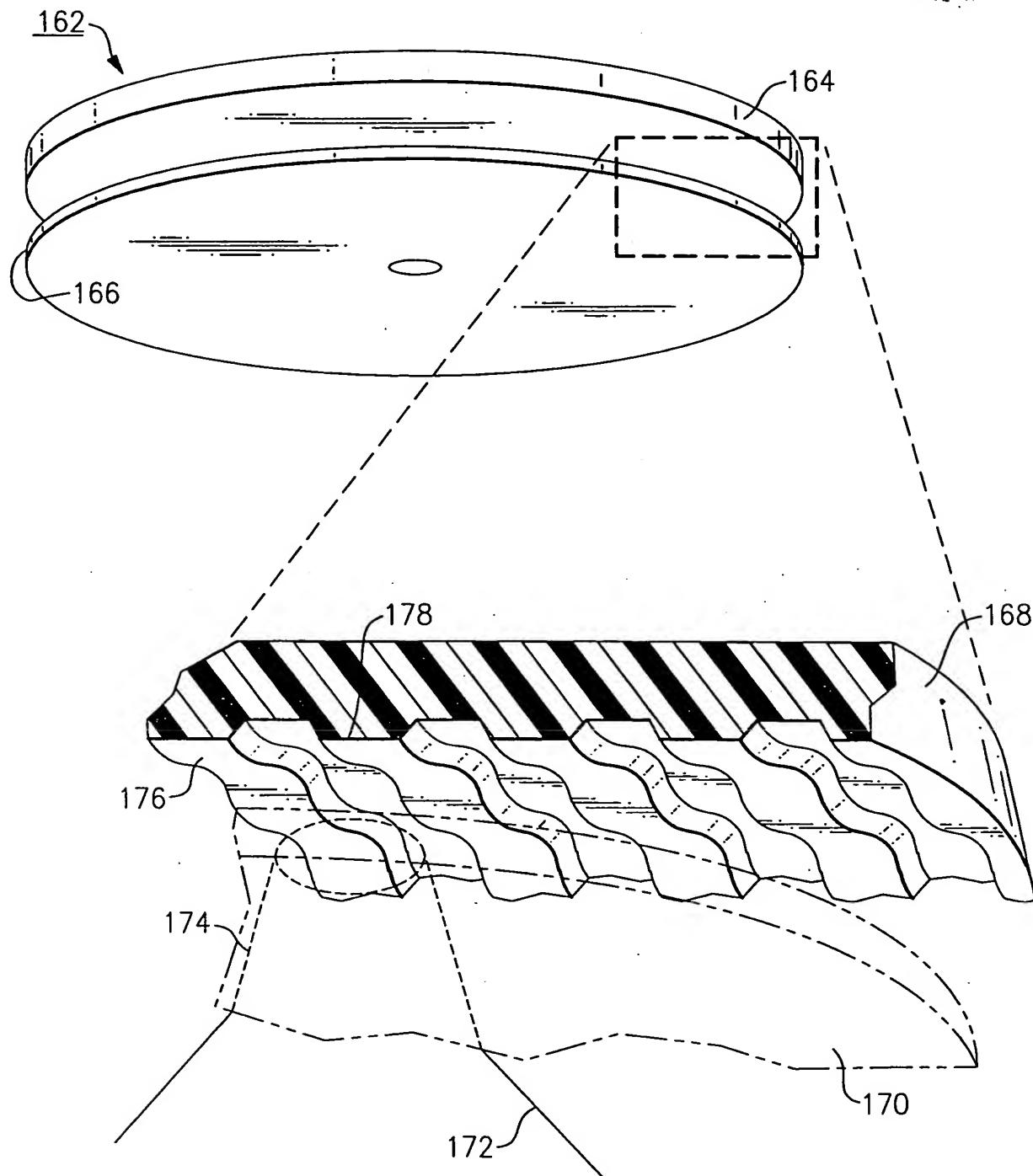


FIG.9

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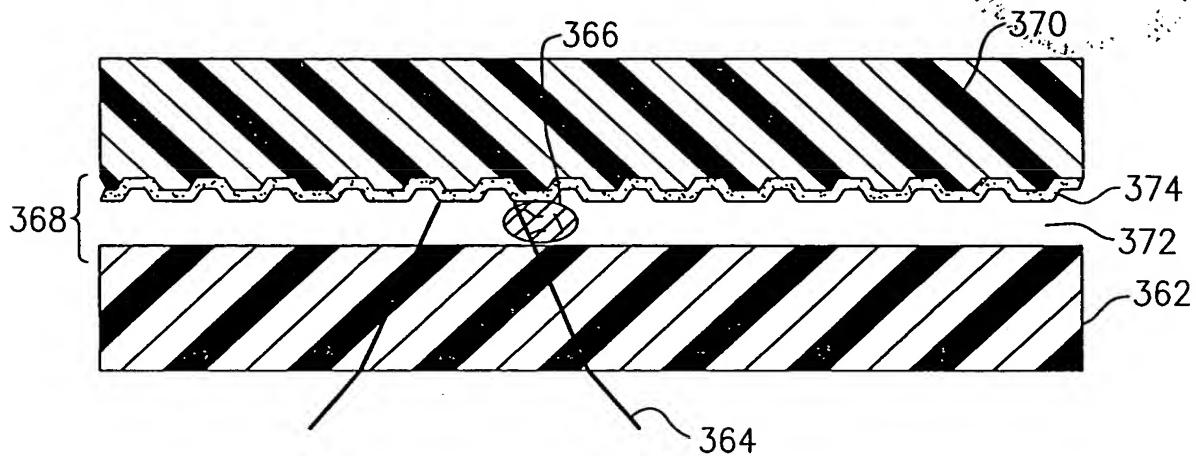


FIG.10

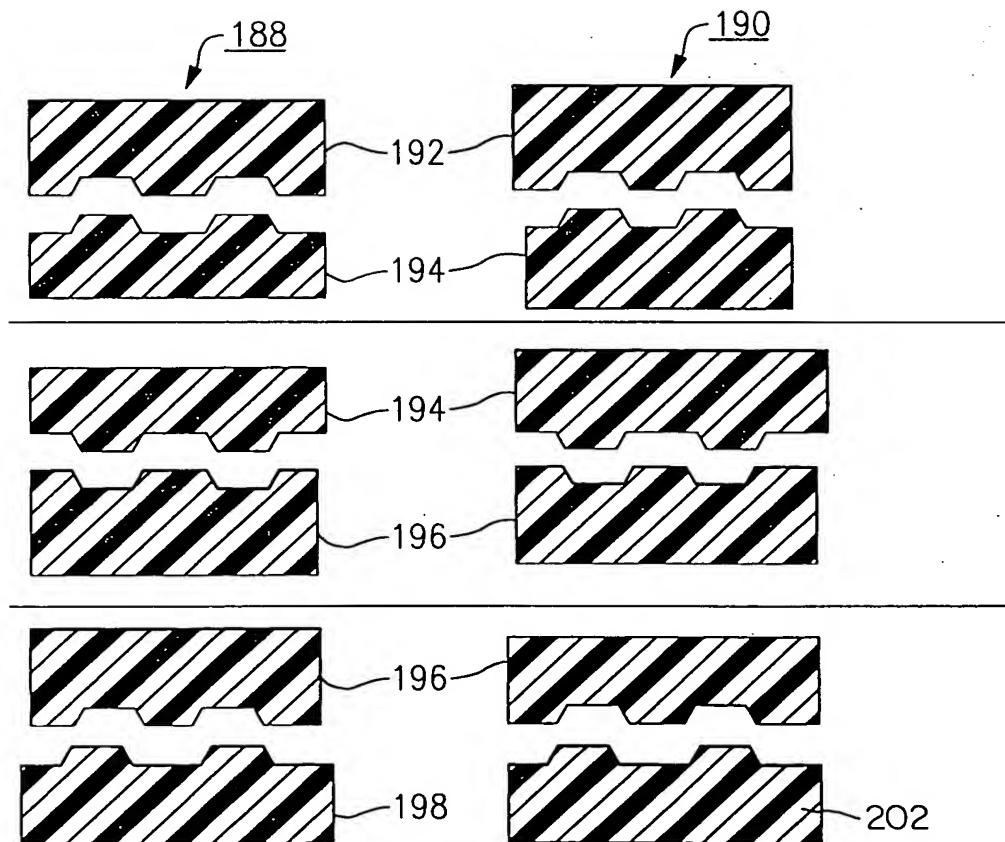


FIG.11

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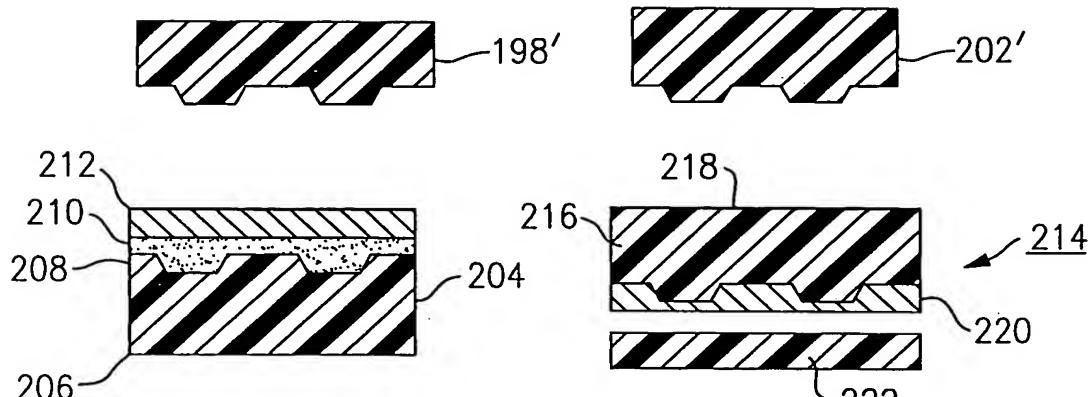


FIG.12

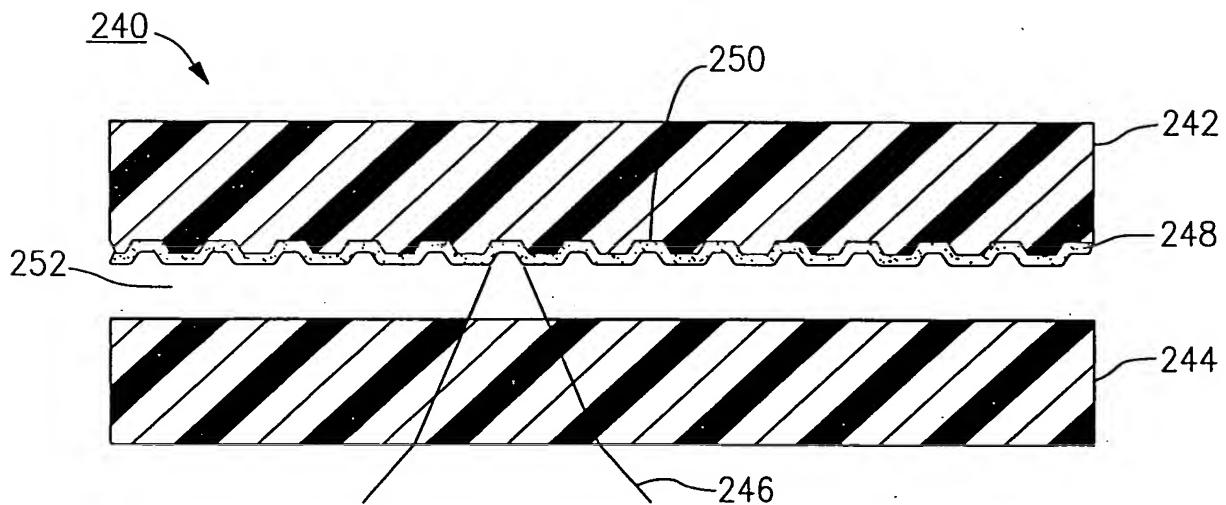


FIG.13

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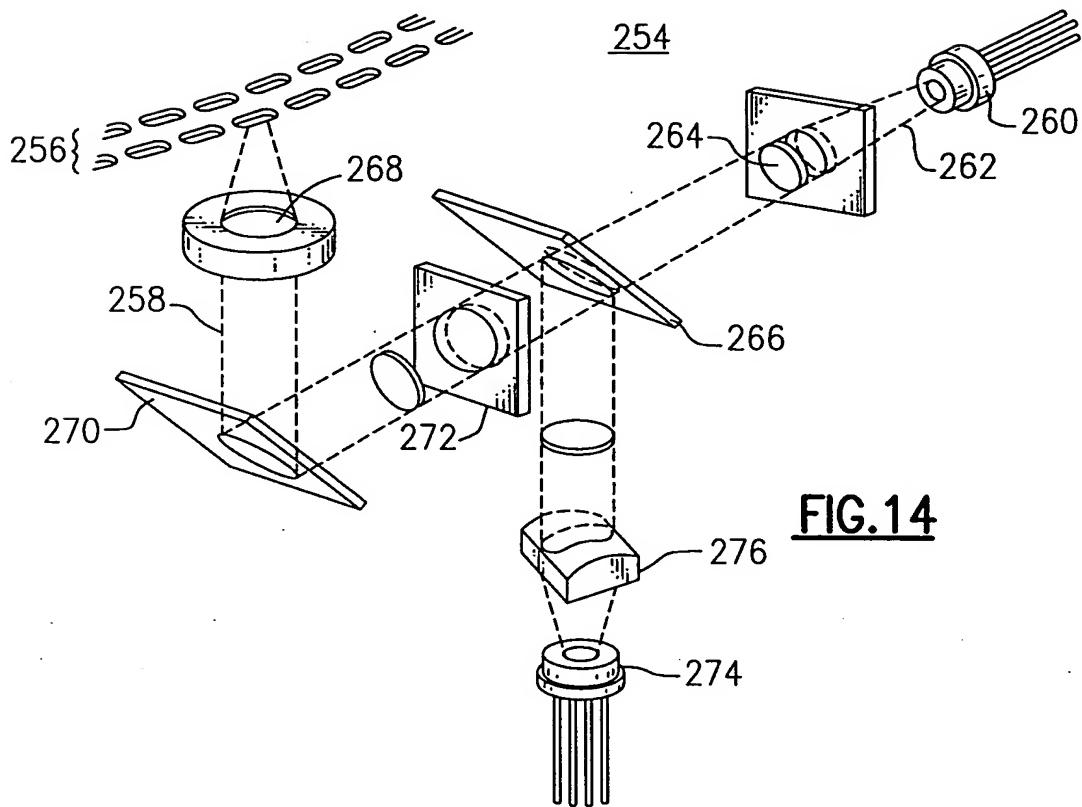


FIG.14

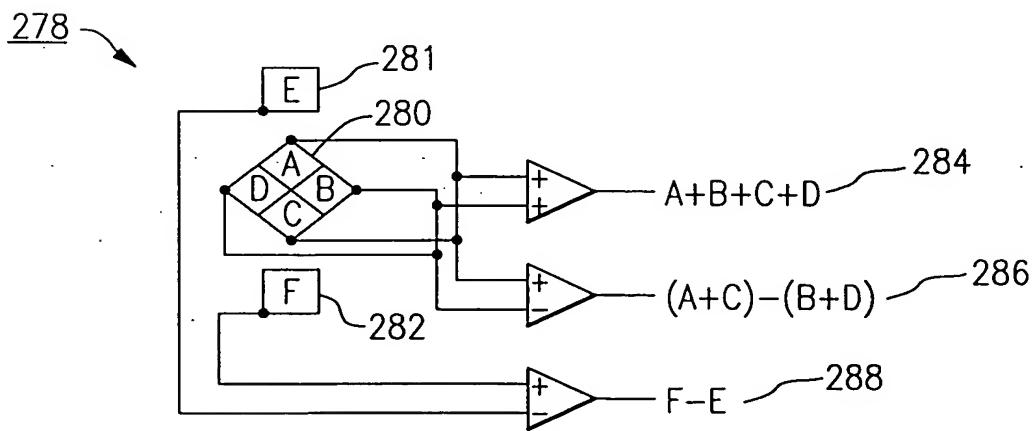


FIG.15

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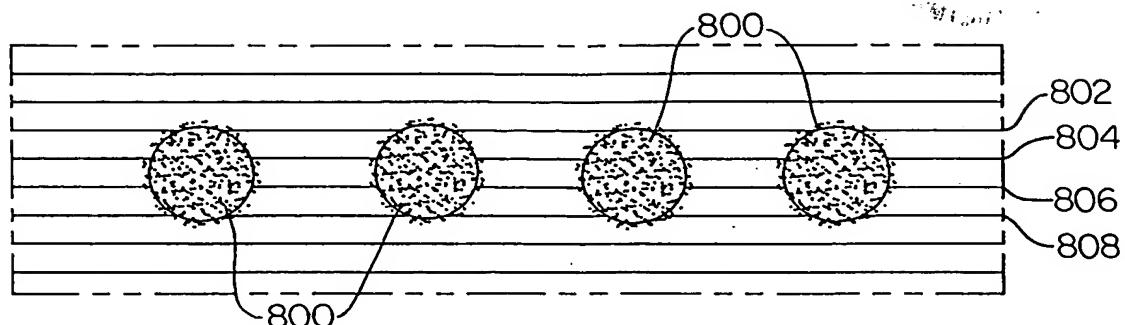


FIG.16

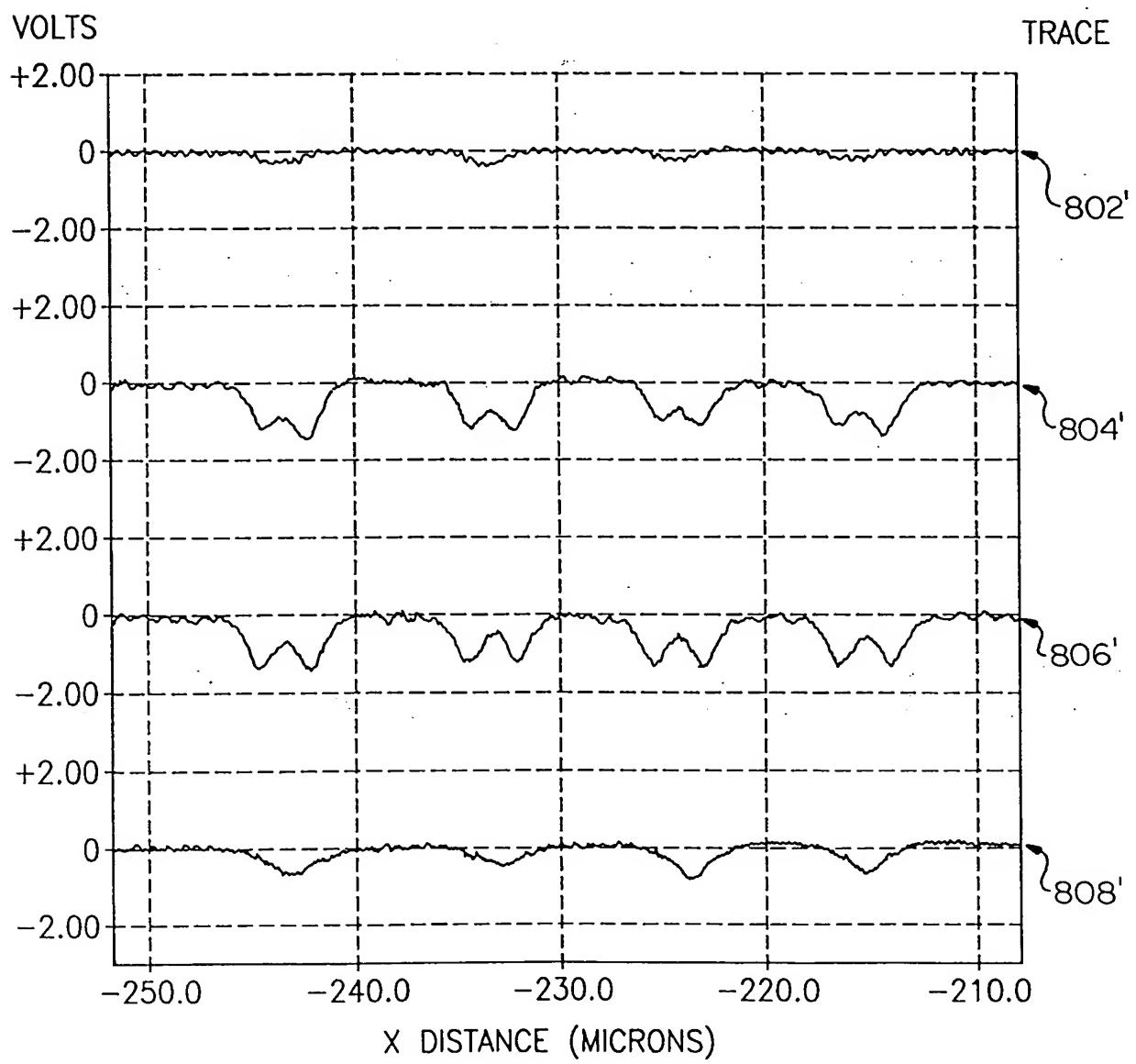


FIG.17

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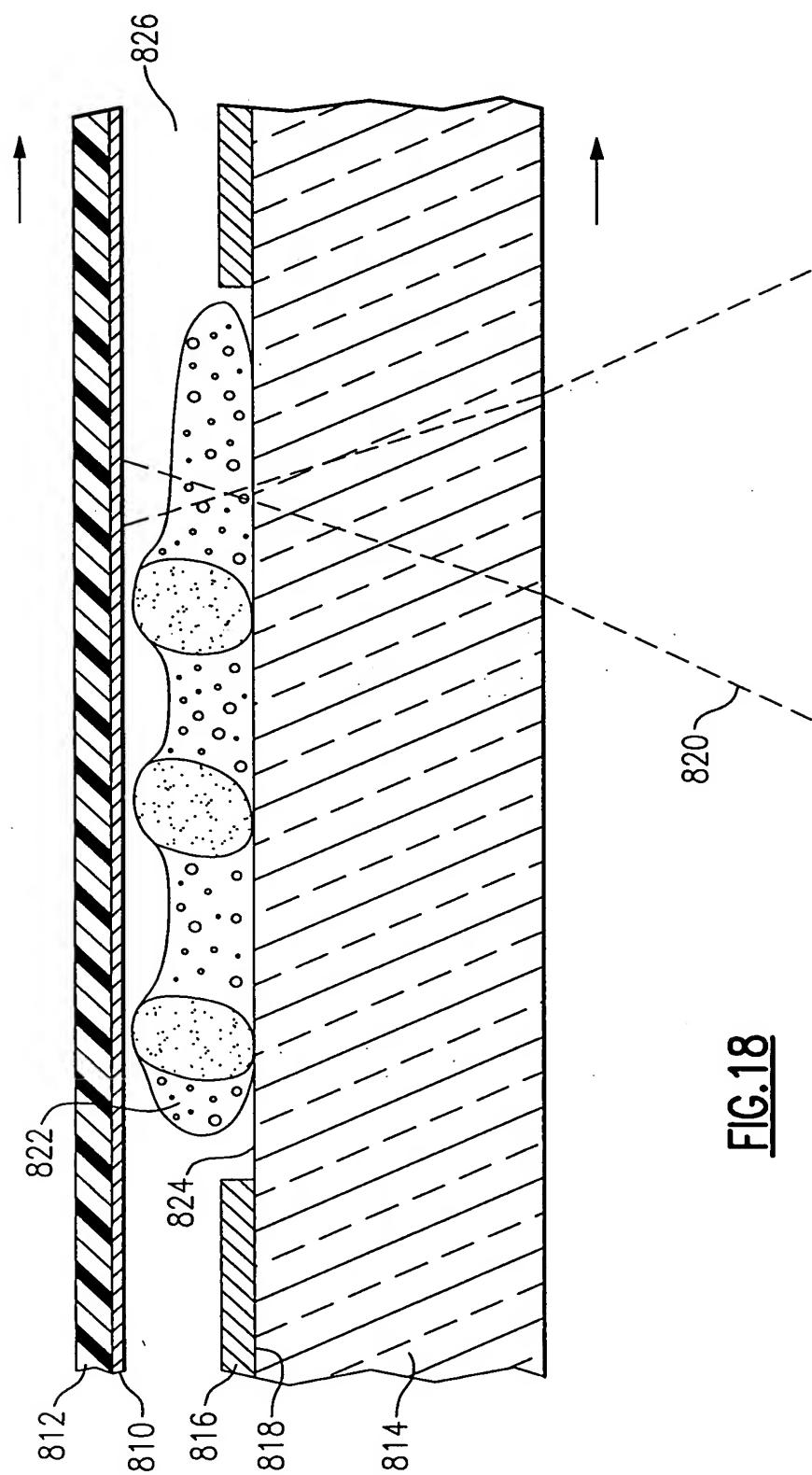


FIG. 18

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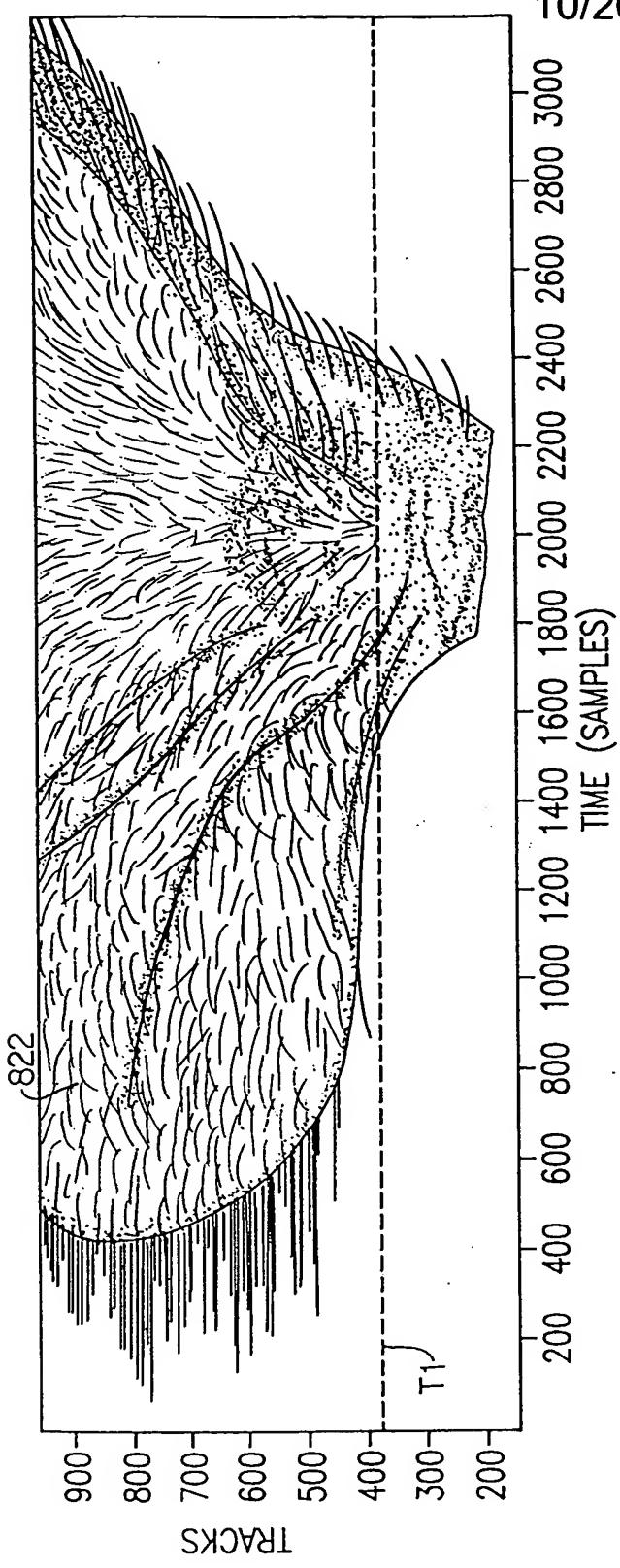


FIG.19

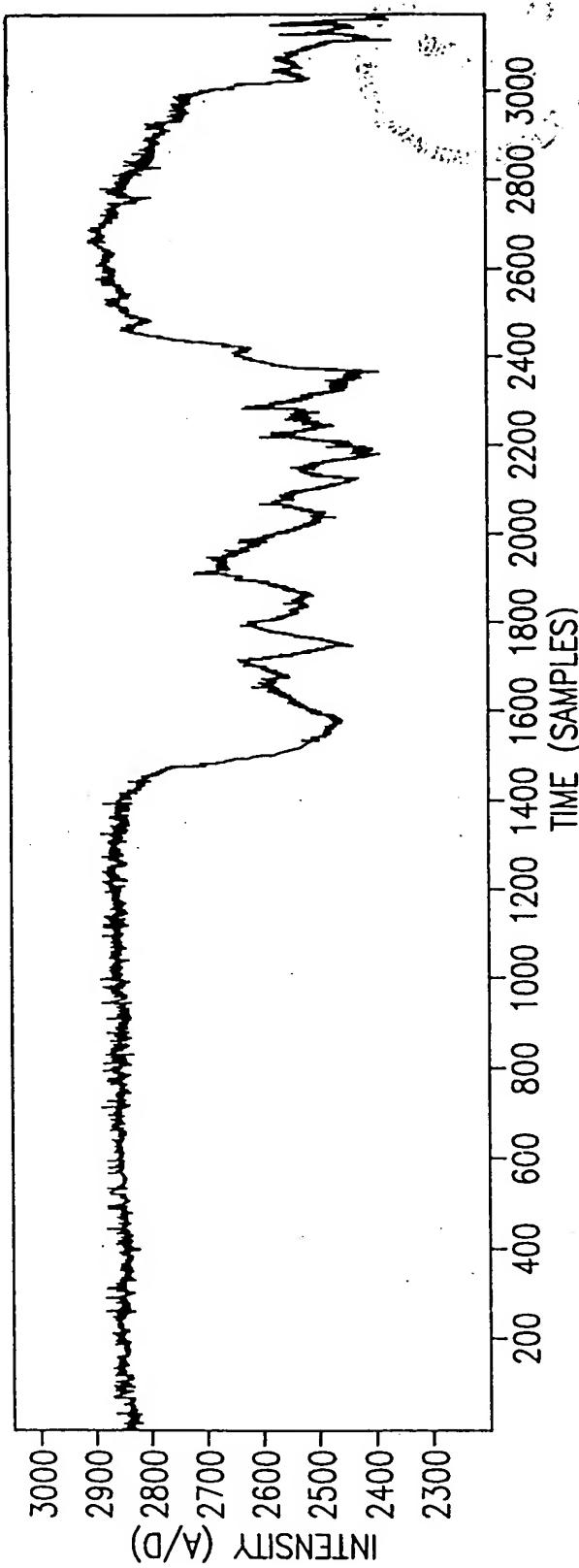


FIG.20

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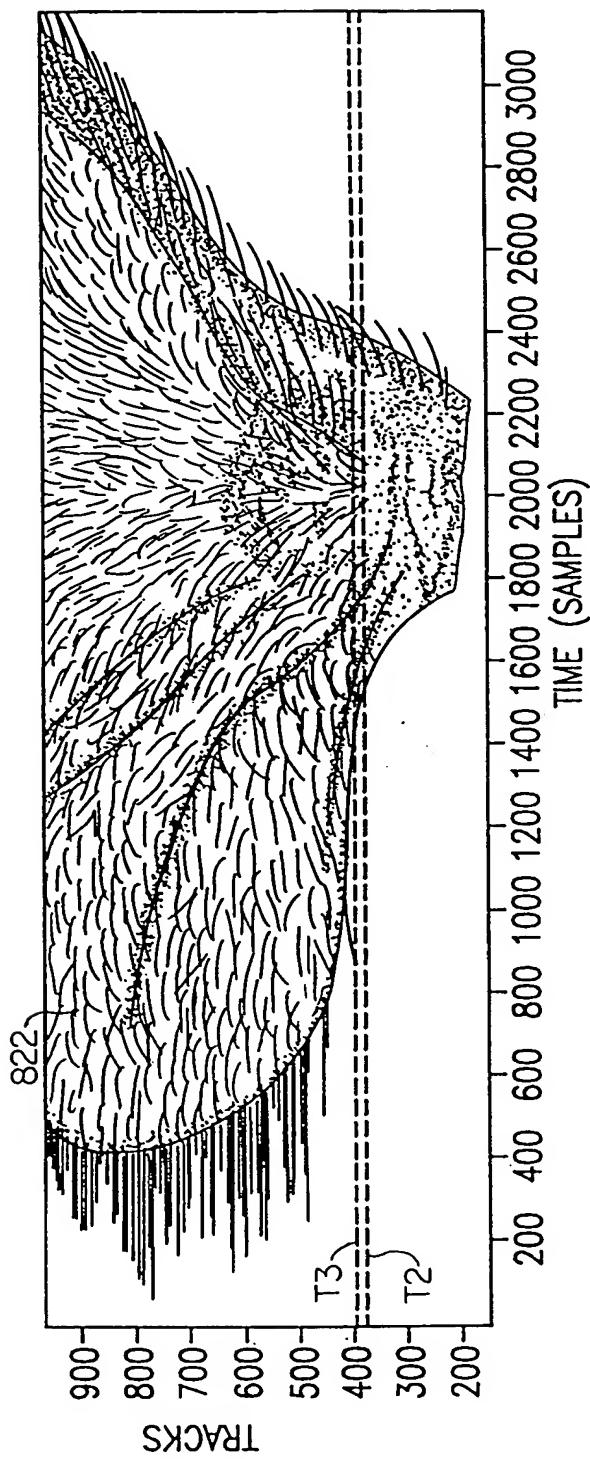


FIG.21

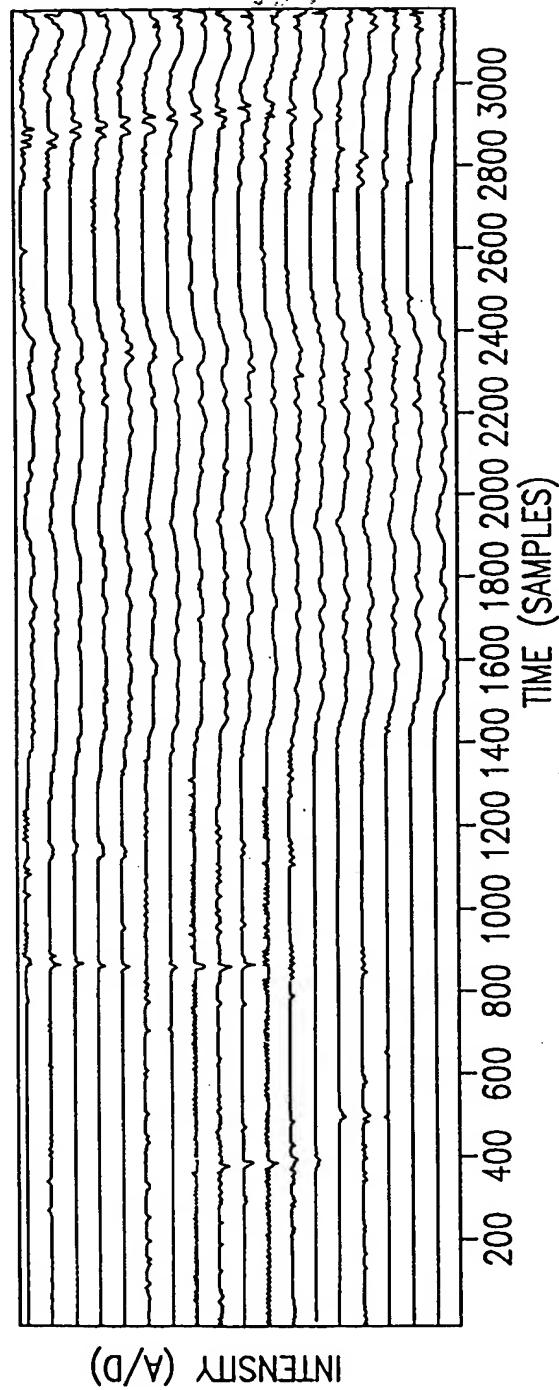


FIG.22

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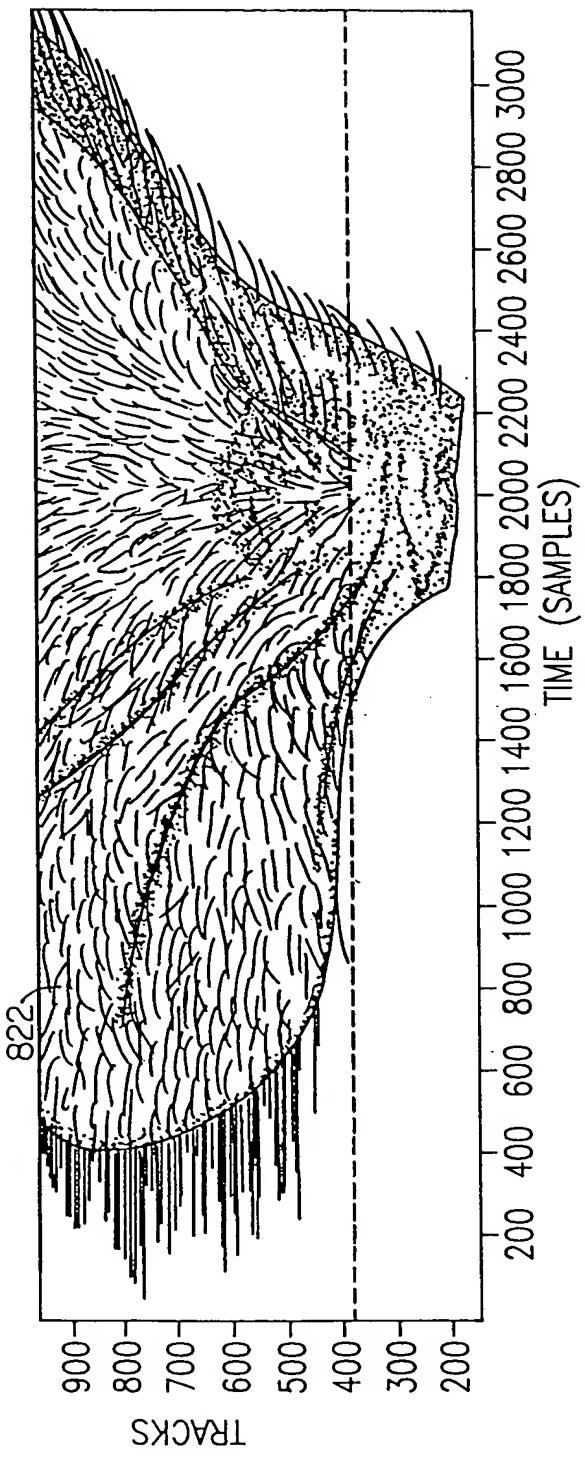


FIG.23

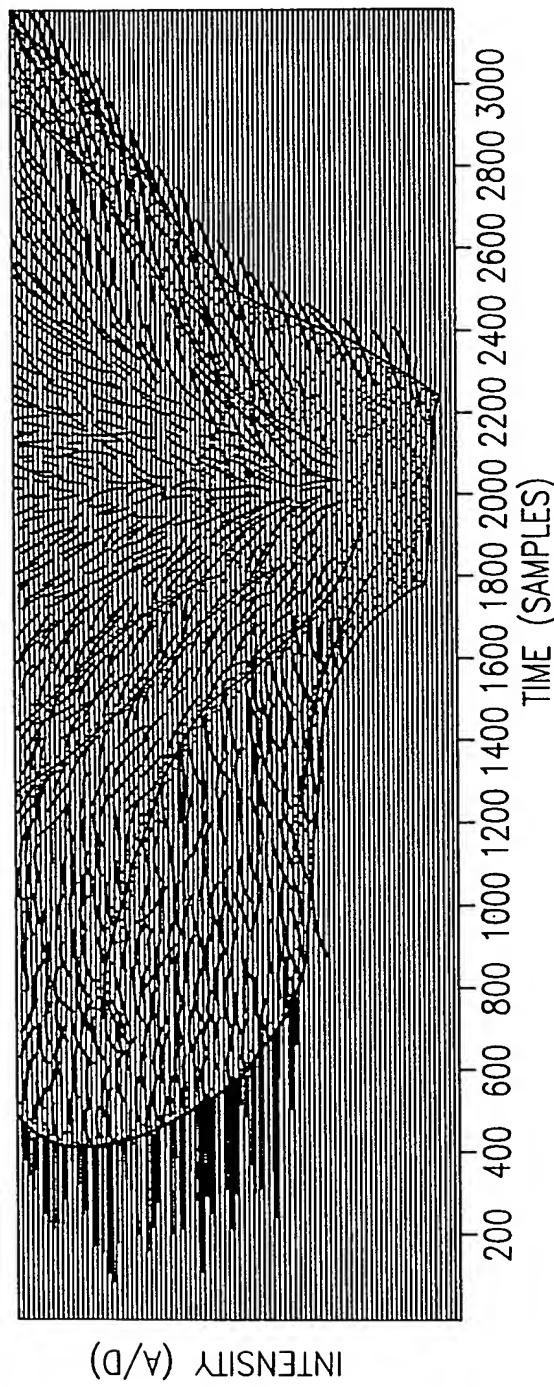


FIG.24

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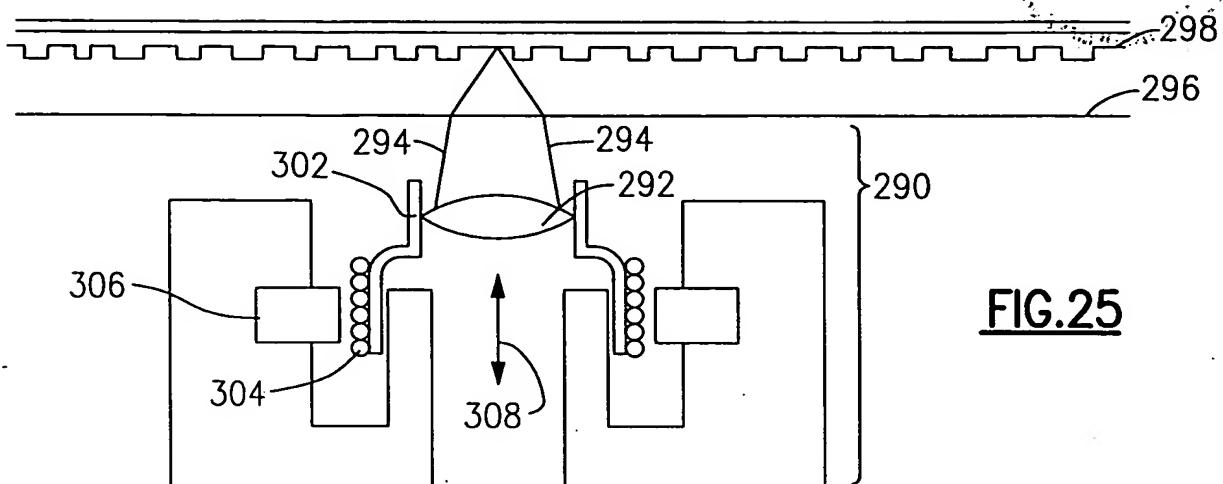


FIG. 26

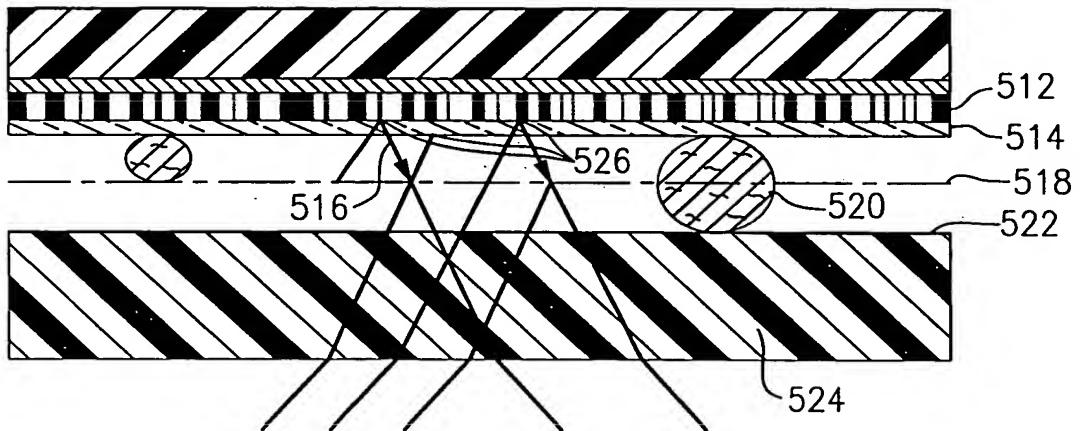
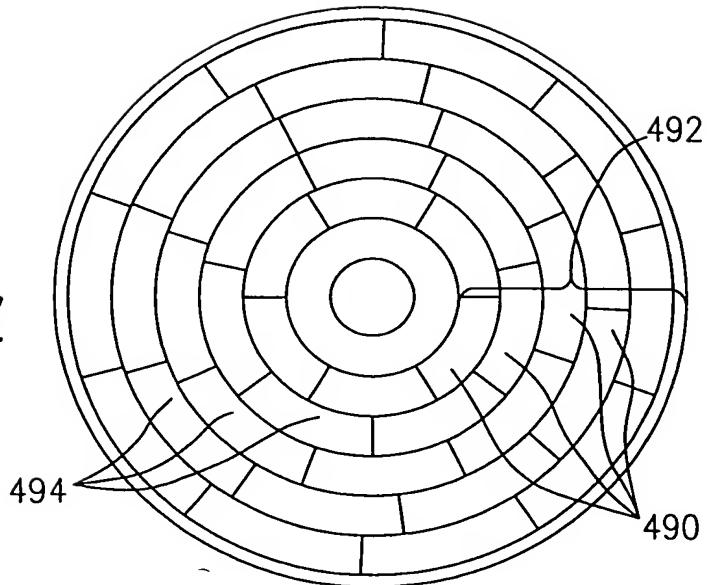


FIG. 27



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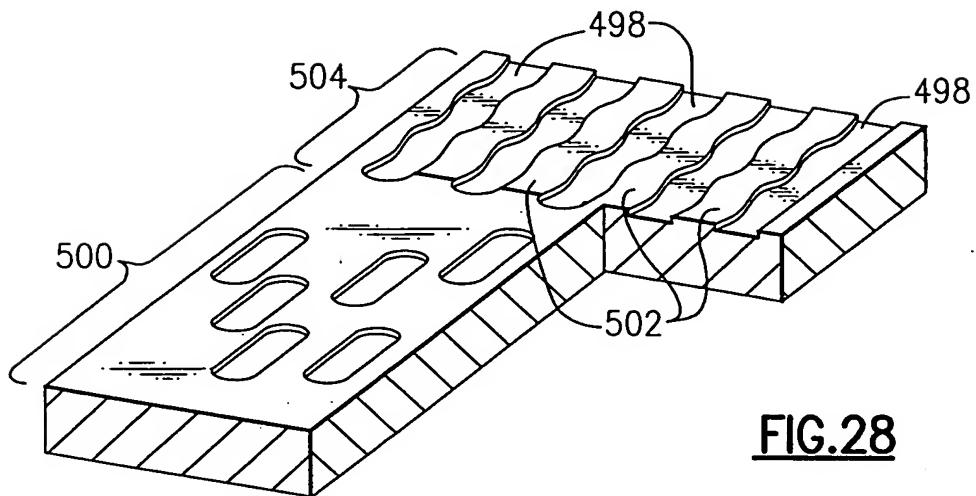


FIG.28

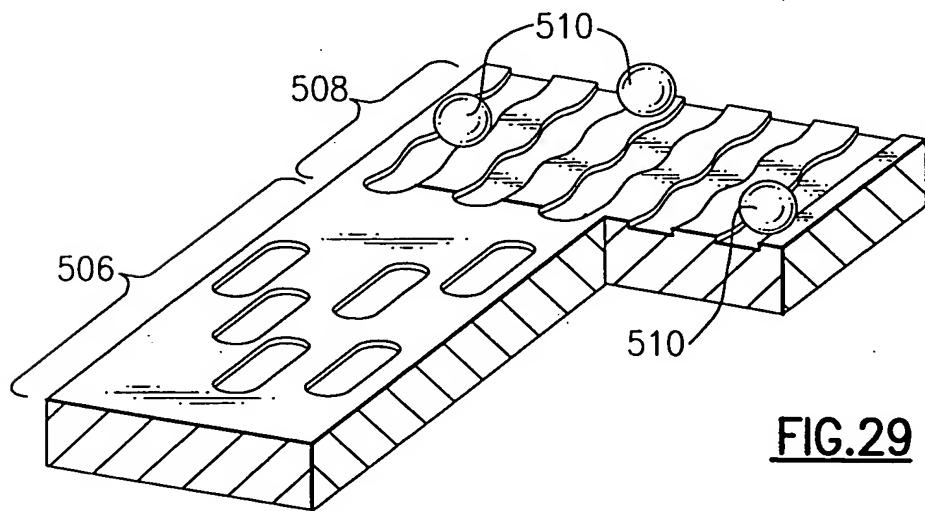


FIG.29

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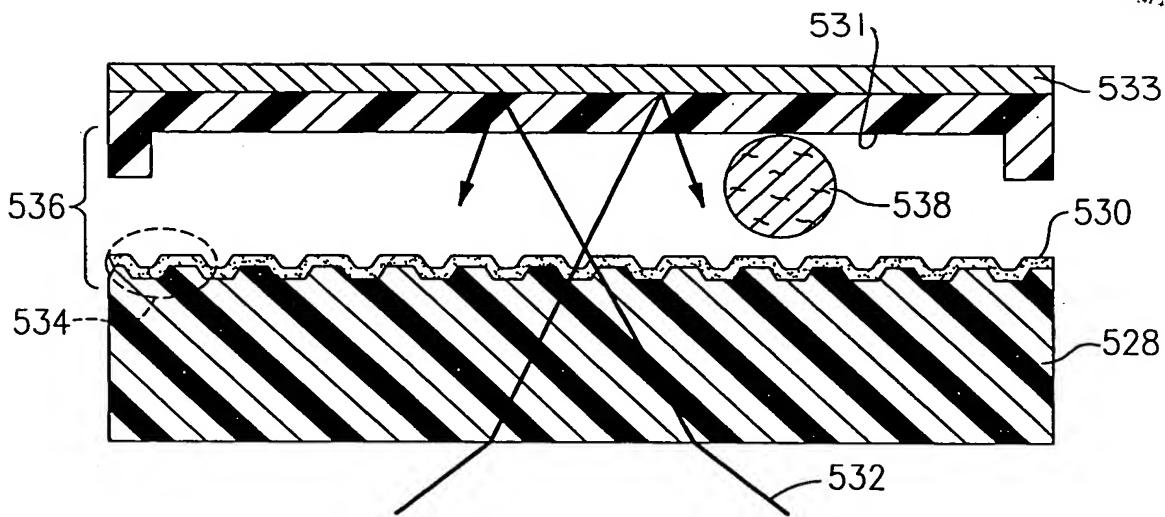


FIG.30

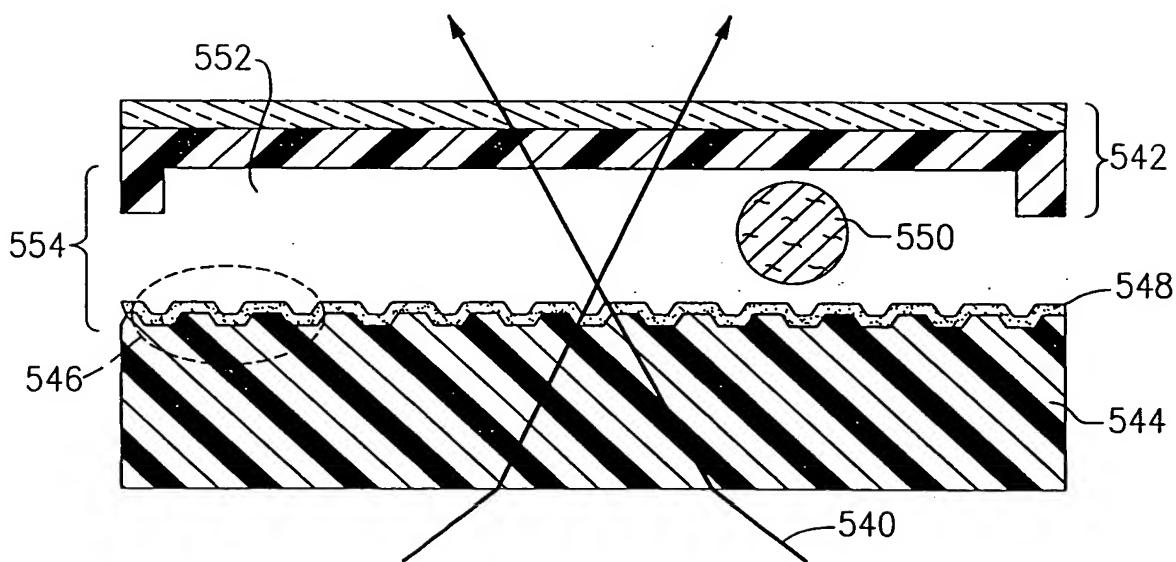


FIG.31

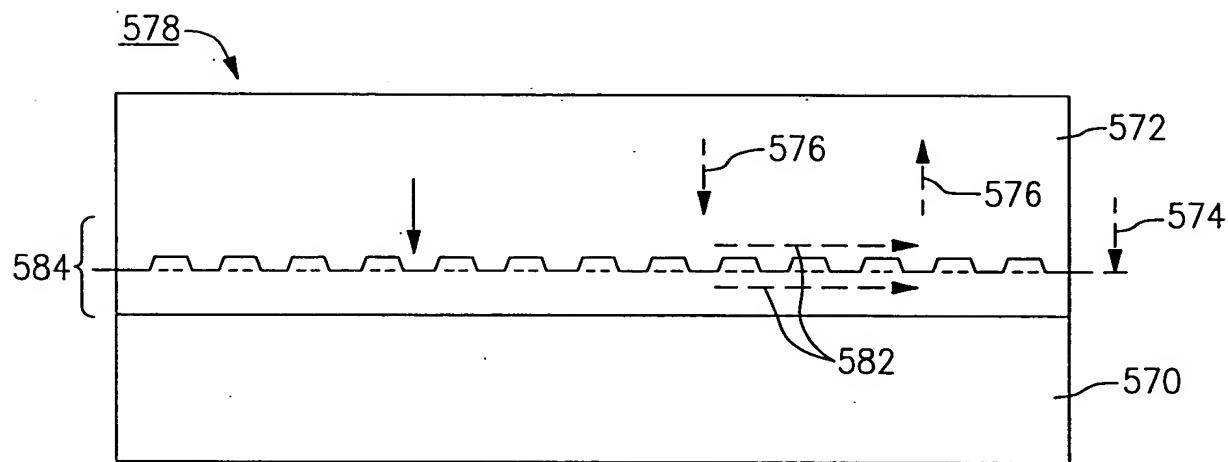


FIG.32

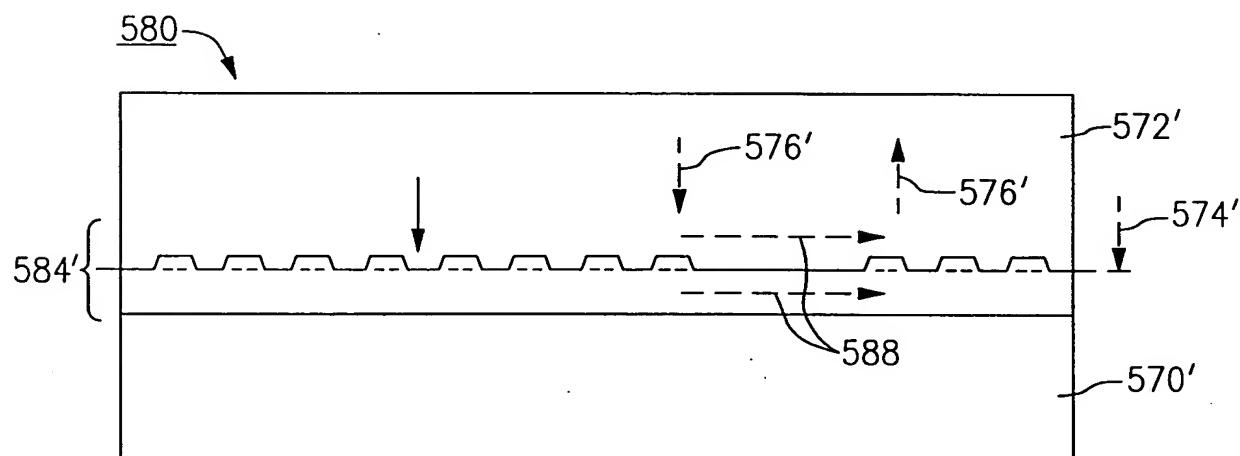


FIG.33

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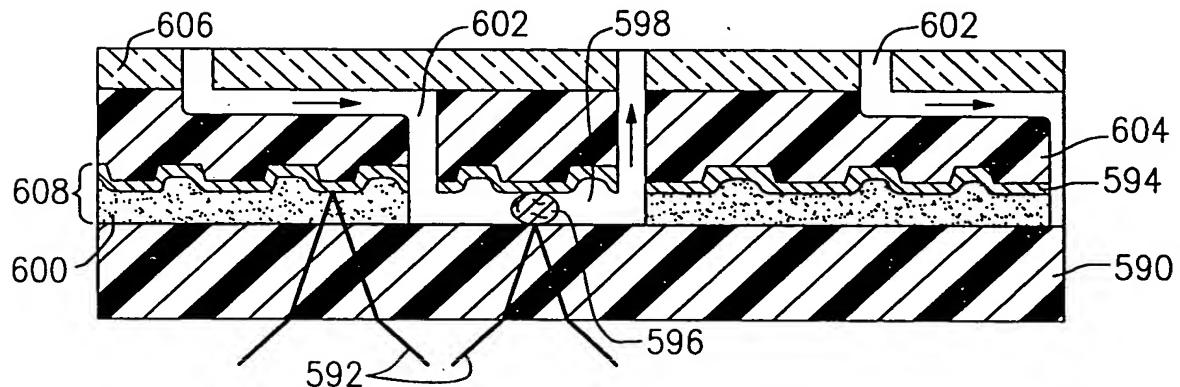


FIG.34

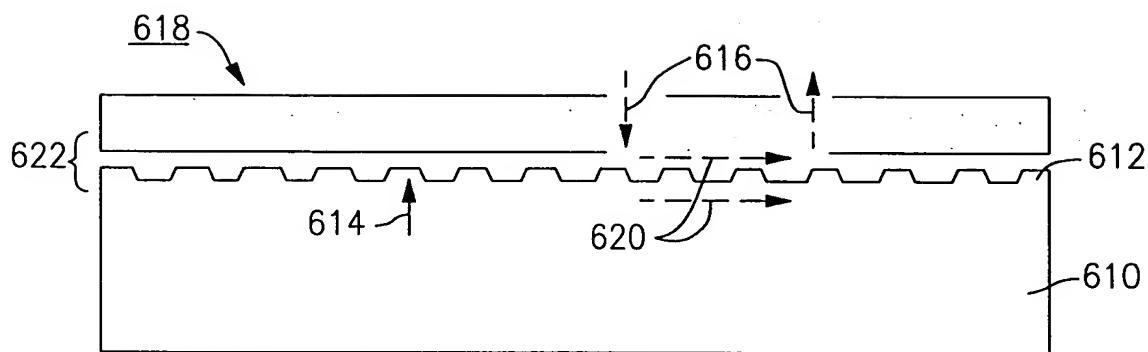


FIG.35

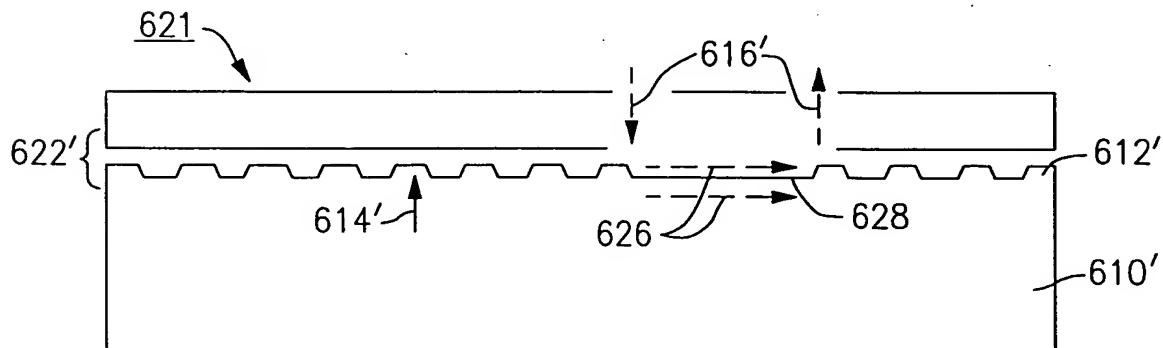


FIG.36

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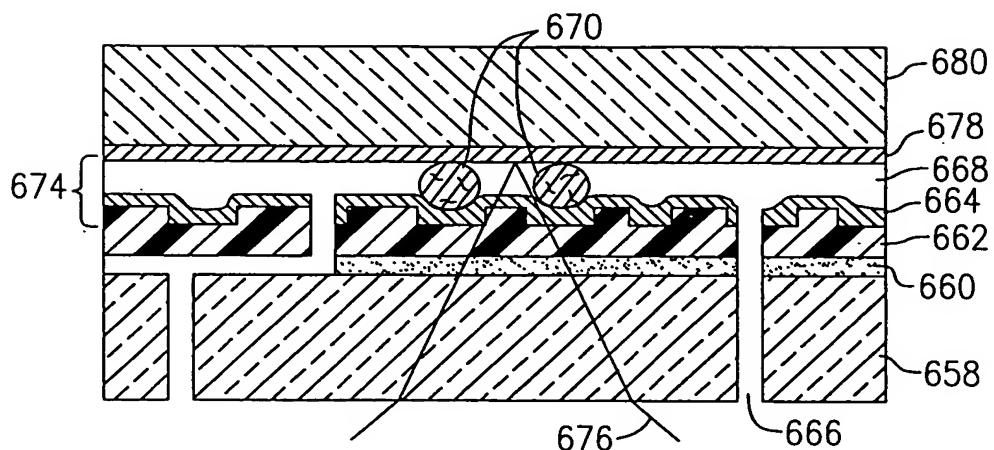


FIG.37

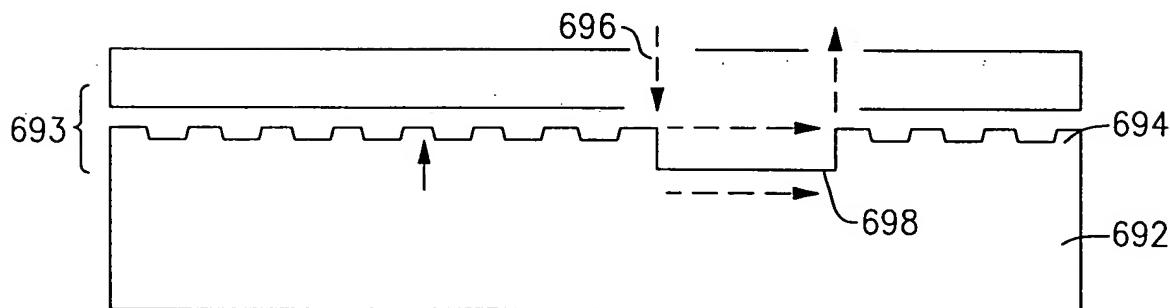


FIG.38

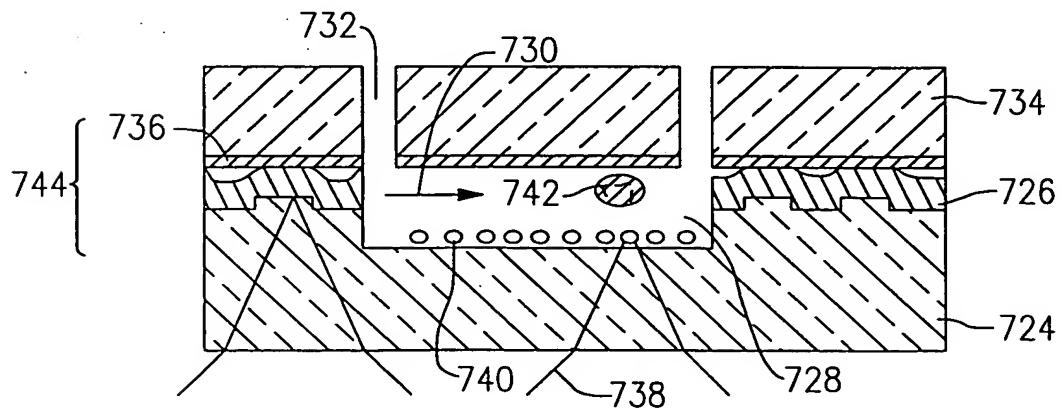


FIG.39

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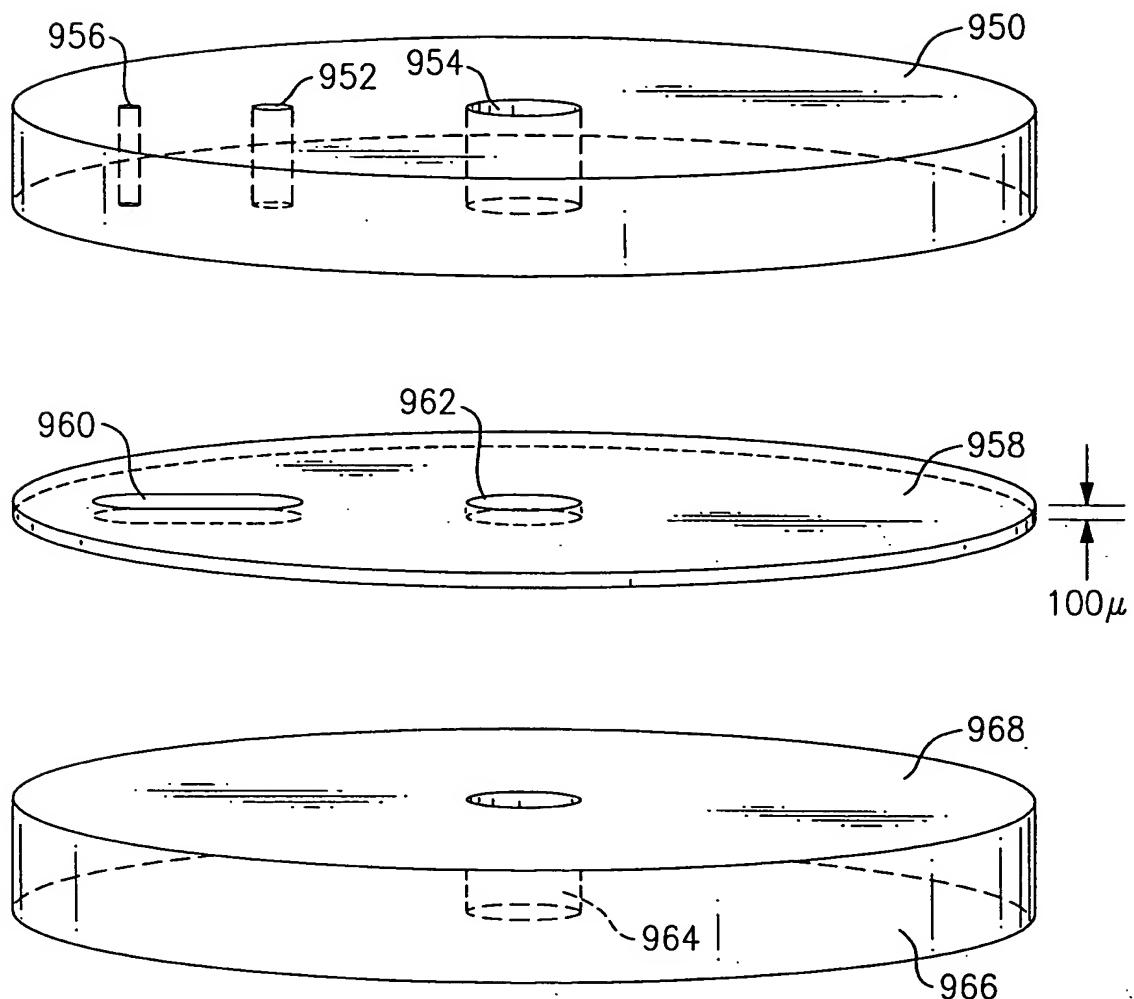


FIG.40

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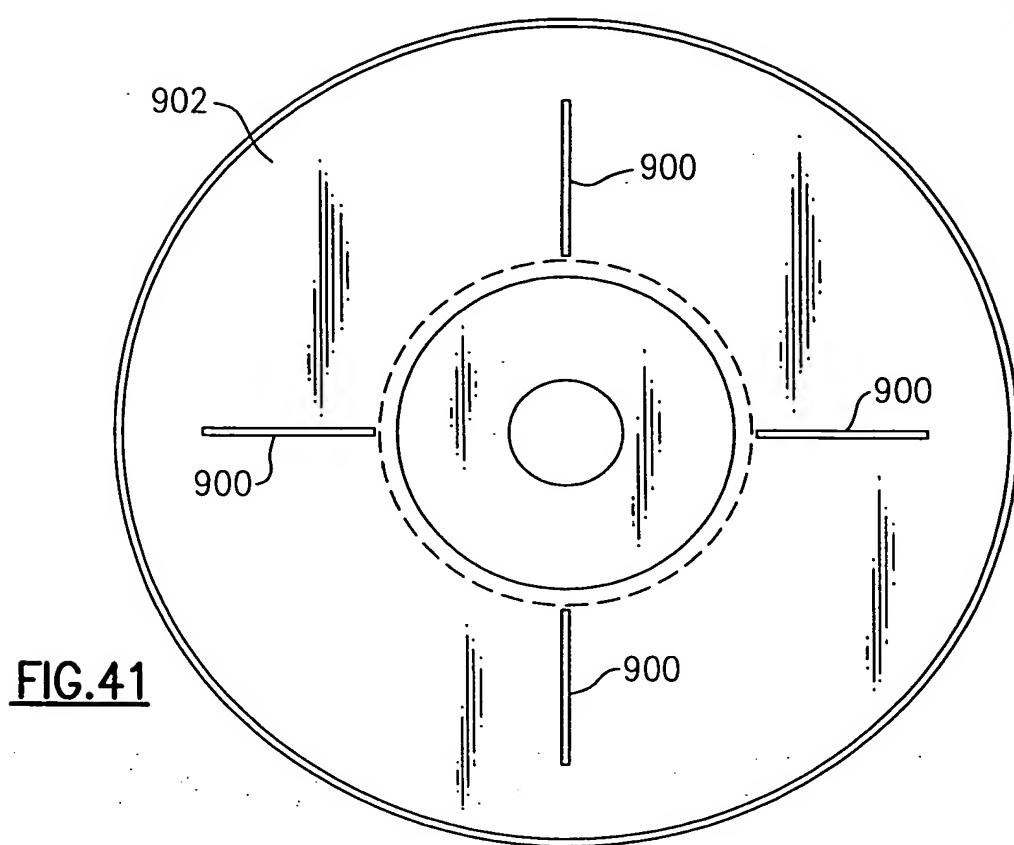


FIG.41

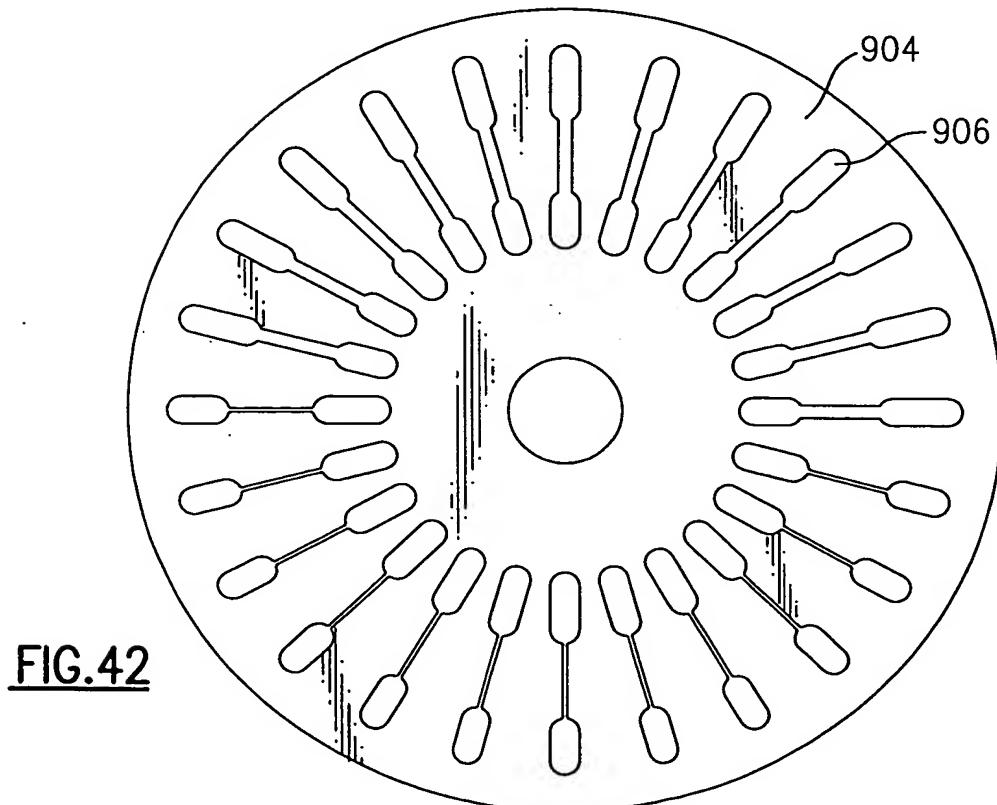


FIG.42